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Date Submitted: December 5, 2005

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First Named Inventor

Eugene MAKEYEV

Group Art Unit

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Examiner Name

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	A1		WO 01/46396 A		Dennis BAMFORD et al.	6/28/2001		
	A2		DE 102 25 066 A		BASF PLANT SCIENCE GMBH	12/18/2003		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A3	S. ONODERA et al., "CONSTRUCTION OF A TRANSDUCING VIRUS FROM DOUBLE-STRANDED RNA BACTERIOPHAGE PH16: ESTABLISHMENT OF CARRIER STATES IN HOST CELLS", Journal of Virology, Vol. 66, No. 1, January 1, 1992, pp. 190-196.	
	A4	E. MAKEYEV et al., "Replicase activity of purified recombinant protein P2 of double-stranded RNA bacteriophage phi6", EMBO (EUROPEAN MOLECULAR BIOLOGY ORGANIZATION) JOURNAL, vol. 18, no. 1, January 4, 2000, pp. 124-133.	
	A5	E. MAKEYEV et al., "The polymerase subunit of a dsRNA virus plays a central role in the regulation of viral RNA metabolism", EMBO (EUROPEAN MOLECULAR BIOLOGY ORGANIZATION) JOURNAL, vol. 19, no. 22, 11/15/2000, pp. 6275-6284.	
	A6	Jason MYERS et al., "Recombinant Dicer efficiently converts large dsRNAs into siRNAs suitable for gene silencing", NATURE BIOTECHNOLOGY, vol. 21, no. 3, March 2003, pp. 324-328.	
	A7	Minna M. PORANEN et al., "Self-assembly of a viral molecular machine from purified protein and RNA constituents" MOLECULAR CELL, vol. 7, no. 4, April 2001, pp. 845-854.	
	A8	Dun YANG et al., "Short RNA duplexes produced by hydrolysis with Escherichia coli RNase III mediate effective RNA interference in mammalian cells", Proceedings of the National Academy of Sciences of USA, vol. 99, no. 15, July 23, 2002, pp. 9942-9947.	
	A9	Eugene MAKEYEV et al., "Evolutionary potential of an RNA virus", JOURNAL OF VIROLOGY, vol. 78, no. 4, February 2004, pp. 2114-2120.	

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